

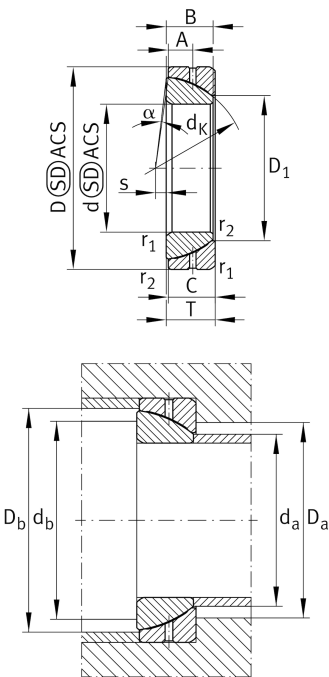


GE55-SX

Spherical plain bearing

Angular contact spherical plain bearing,  
requiring maintenance, sliding contact  
surface: steel/steel, DIN ISO 12240-2, open  
design

Informacje techniczne



Twoja aktualna wersja produktu

|             |                      |                                                                    |
|-------------|----------------------|--------------------------------------------------------------------|
| Maintenance | Maintenance required |                                                                    |
| Coating     | Durotect M           | Inner- and outer ring coated with Durotect M (Manganese Phosphate) |

Main Dimensions & Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| d               | 55 mm     | Inner diameter bearing            |
| D               | 90 mm     | Outside diameter bearing          |
| T               | 23 mm     | Height                            |
| C <sub>r</sub>  | 194.000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 746.000 N | Basic static load rating, radial  |
| ≈m              | 0,668 kg  | Masa                              |

Mounting dimensions

|                    |         |                               |
|--------------------|---------|-------------------------------|
| r <sub>1</sub> min | 1,5 mm  | Edge Spacing                  |
| r <sub>2</sub> min | 0,6 mm  | Edge Spacing                  |
| d <sub>a</sub> max | 60,8 mm | Connection measure Inner ring |
| D <sub>a</sub> min | 70 mm   | Housing Connection Diameter   |
| D <sub>b</sub> min | 81 mm   | Connection diameter           |



### Dimensions

|                 |           |                                        |
|-----------------|-----------|----------------------------------------|
| d <sub>K</sub>  | 80 mm     | Ball diameter                          |
| D <sub>1</sub>  | 62 mm     | Inner diameter of housing washer       |
| B               | 22 mm     | Width Inner ring                       |
| C               | 22 mm     | Width Outer ring                       |
| s               | 4 mm      | Plane Surface Spacing                  |
| A               | 11,5 mm   | Distance lubrication Bore              |
| α               | 1,4 °     | Tilt angle                             |
| d <sub>OT</sub> | 0 mm      | Bore diameter bearing, upper tolerance |
| d <sub>UT</sub> | -0,015 mm | Bore diameter bearing, lower tolerance |
| D <sub>OT</sub> | 0 mm      | Outer diameter, upper tolerance        |
| D <sub>UT</sub> | -0,018 mm | Outside diameter, lower tolerance      |
| T <sub>OT</sub> | 0,25 mm   | Height, upper tolerance                |
| T <sub>UT</sub> | -0,25 mm  | Height, lower tolerance                |
| C <sub>UT</sub> | 0 mm      | Width outer ring, upper tolerance      |
| C <sub>OT</sub> | -0,3 mm   | Width outer ring, lower tolerance      |
| B <sub>OT</sub> | 0 mm      | Width inner ring, upper tolerance      |
| B <sub>UT</sub> | -0,3 mm   | Width inner ring, lower tolerance      |
| d <sub>2</sub>  | 71 mm     | Connection measure Inner ring          |

### Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -60 °C | Operating temperature min. |
| T <sub>max</sub> | 200 °C | Operating temperature max. |



### Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna